



[Go to Product page](#)

Datasheet for ABIN7443935
anti-SFTPA2 antibody (AA 21-114)

2 Images

Overview

Quantity:	100 µL
Target:	SFTPA2
Binding Specificity:	AA 21-114
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SFTPA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Surfactant Associated Protein A2 (SPA2)
Immunogen:	Recombinant Surfactant Associated Protein A2 (SPA2) corresponding to Glu21~Phe114 linked with EVKDVCGVTR EESLFQCEF with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SPA2. It has been selected for its ability to recognize SPA2 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SFTPA2
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Target Details

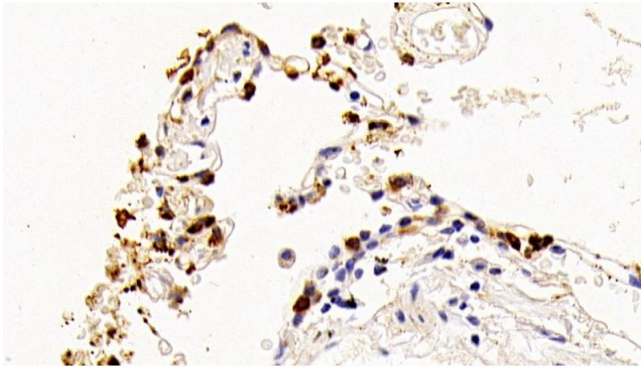
Alternative Name:	Surfactant Associated Protein A2 (SFTPA2 Products)
Background:	SFTPA2B, COLEC5, SP2A, SPA1 beta, SP-A2, SPAll, Collectin-5, Pulmonary Surfactant Protein A2, 35 kDa pulmonary surfactant-associated protein, Alveolar proteinosis protein

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

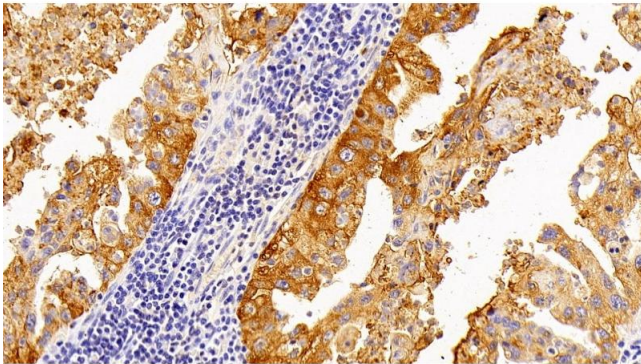
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of SPA2 in Human Lung Tissue using Polyclonal Antibody to Surfactant Associated Protein A2 (SPA2)



Immunohistochemistry

Image 2. Detection of SPA2 in Human Lung cancer Tissue using Polyclonal Antibody to Surfactant Associated Protein A2 (SPA2)